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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/784,731
Applicant : Arthur E. COLVIN, Jr.
Filed : February 24, 2004
TC/A.U. : 3736
Examiner : Not yet assigned

Docket No. : 2232-205
Customer No. : 06449
Confirmation No. : 9477

INFORMATION DISCLOSURE STATEMENT

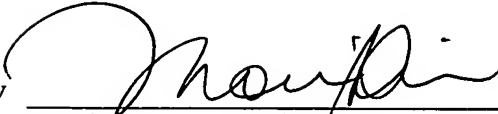
Director of the United States Patent
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Dear Sir:

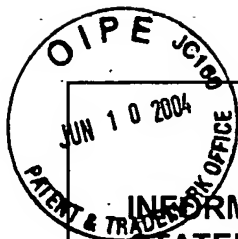
Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith Form PTO-1449 listing publications that the Office may wish to consider in examination of the subject application.

Pursuant to 1.98(d), copies of the references are not included because they were previously submitted to the Office in prior application Serial No. 09/963,798, filed September 27, 2001, which issued as Patent No. 6,711,423 on March 23, 2004 and to which priority is or has been claimed under 35 USC § 120.

Respectfully submitted,

By 

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Complete if Known

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Sheet	1	of	6	Attorney Docket Number	2232-205

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	3229684		Nagumo et al.	12-20-1960
	2	3399667		Nishimoto et al.	09-1968
	3	3576554		Temps, Jr. et al.	04-27-1971
	4	3612866		Stevens	10-12-1971
	5	3649833		Leaf	03-14-1972
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	7	3839708		Bredesen et al.	10-01-1974
	8	3853117		Murr	12-10-1974
	9	3872455		Fuller et al.	03-18-1975
	10	3893111		Cotter	07-01-1975
	11	3949388		Fuller	04-06-1976
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	17	4361153		Slocum et al.	11-30-1982
	18	4401122		Clark, Jr.	08-30-1983
	19	4531526		Genest	07-30-1985
	20	4677008		Webb	06-30-1987
Examiner Signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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	21	4680268		Clark, Jr.	07-14-1987
	22	4703756		Gough et al.	11-03-1987
	23	4704029		Van Heuvelen	11-03-1987
	24	4730188		Milheiser	03-08-1988
	25	4737464		McConnell et al.	04-12-1988
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	46	5235326		Beigel et al.	08-10-1993
	47	5281825		Berndt et al.	01-25-1994
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	63	5855609			Knapp		01-05-1999
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	69	DE	4341903			06-1995	
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	81	WO	9207505			05-1992	
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.	82	WO	9616593	A1	Soller	06-06-1996	
	83	WO	9625978	A1	Prutchi et al.	08-29-1996	
	84	WO	9733513	A1	Knapp et al.	09-18-1997	
	85	WO	9852023	A1	Colvin	11-19-1998	
	86	WO	9966309 (AB only)		(# 71 is part of this family)	12-1999	
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					T ²
	87	Jie Lin et al. "Sol-gel glass as a matrix for chemical and biochemical sensing" <u>Trends in Analytical Chemistry</u> , 16(4):200-211 (1997)					
	88	Alan Baron et al. "Submillisecond response times of oxygen-quenched luminescent coatings" <u>Rev. Sci. Instrum.</u> 64(12):3394-3402 (1993)					
	89	Brauker et al., "Neovascularization of synthetic membranes directed by membrane microarchitecture", <u>Journal of Biomedical Materials Research</u> , Vol. 29, 1517-1524 (1995)					
	90	Chuang and Arnold, "Radioluminescent Light Source for Optical Oxygen Sensors", <u>Analytical Chemistry</u> , Vol. 69, No. 10, 1899-1903, 1997					
	91	Geller, et al., "Immunoisolation of Tumor Cells: Generation of Antitumor Immunity Through Indirect Presentation of Antigen", <u>Journal of Immunotherapy</u> , 20(2):131-137 (1997)					
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	93	Shamlou et al, "Amphiphilic networks. X. Diffusion of glucose and insulin (and nondiffusion of albumin) through amphiphilic membranes", <u>Journal of Biomedical Materials Research</u> , Vol. 35, 157-163 (1997)					
	94	Kennedy, "Tailoring polymers for biological uses" <u>Chemtech</u> , pp. 24-32, Feb. 1994					
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Sheet	6	of	6	Attorney Docket Number	2232-205
	95	Tuan, "Recombinant Protein Protocols, Detection and Isolation", <u>Methods in Molecular Biology</u> , Vol. 63, pp. 373-387			
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	97	Wilkins, "Biomaterials for Implanted Closed Loop Insulin Delivery System: A Review", <u>Biosensors and Bioelectronics</u> 5, pp. 167-203, 1990			
	98	Advertisement pamphlet entitled "RFID: Everything you need to know" by Motorola Indala Corporation, 1996, 1997 (5 pages)			
	99	Pamphlet entitled "Divvyng up the biostent market", <u>BioCentury</u> , <u>The Bernstein Report on BioBusiness</u> , pp. A6, August 10, 1998			
	100	Advertising pamphlet entitled "Biocompatibility, controlled porosity, inertness, strength and comformability.", <u>Gore-Tex Medical Products</u> , 1990 (4 pages)			
	101	Product pamphlet for "Preclude Pericardial Membrane", <u>W.L. Gore & Associates, Inc.</u> , 1996 (2 pages)			
	102	Product pamphlet for "The Duraflor® Biocompatible Treatment", <u>Baxter Healthcare Corporation</u> , 1995 (4 pages)			
	103	"Laminin-5 inhibits human keratinocyte migration", <u>Exp Cell Res</u> , 233:2 330-9, 1998 (abstract only)			
	104	"Mini-Portable Reader Standard and Extended Models" Hughes Identification Devices information pamphlet HS5105L Series (4 pages)			
	105	"Implantable Transponder" Trovan Electronic Identification Systems pamphlet, Model - ID 100. (2 pages)			
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	107	Wouters et al. "A Low Power Multi-Sensor Interface for Injectable Microprocessor-Based Animal Monitoring System" <u>Sensors and Actuators A</u> , 41-42 (1994) 198-206			
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	109	"Injectable Transponder Small Size" Hughes Identification Devices information pamphlet TX1400L (2 pages)			
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